

(21) Application No 9311778.6

(22) Date of filing 08.06.1993

(30) Priority data
(31) 9212217 (32) 09.06.1992 (33) GB

(71) Applicant
Paul Anthony Bone
7 Argyle Road, Newport, Isle of Wight, PO30 5SB,
United Kingdom

(72) Inventor
Paul Anthony Bone

(74) Agent and/or Address for Service
Paul Anthony Bone
7 Argyle Road, Newport, Isle of Wight, PO30 5SB,
United Kingdom

(51) INT CL⁵
B26B 27/00

(52) UK CL (Edition L)
B4B B51X B54D2
U1S S1368 S1575

(56) Documents cited
GB 2095154 A GB 0228753 A US 4703561 A

(58) Field of search
UK CL (Edition L) B4B
INT CL⁵ B26B

(54) Tape cutter

(57) A tape cutter that provides a serrated edge 1 for cutting or tearing various types, dimensions and applications of adhesive tape. The cutter will attach to the finger through the locating hole 2 the cutter being made of a sprung plastic to allow for different size fingers as shown by the gap 3. The cutter will remain on the finger for as many applications as is required, and when not in use will remain on the end of the tape to provide an end finder, or it can be removed to be used with any other adhesive tape.

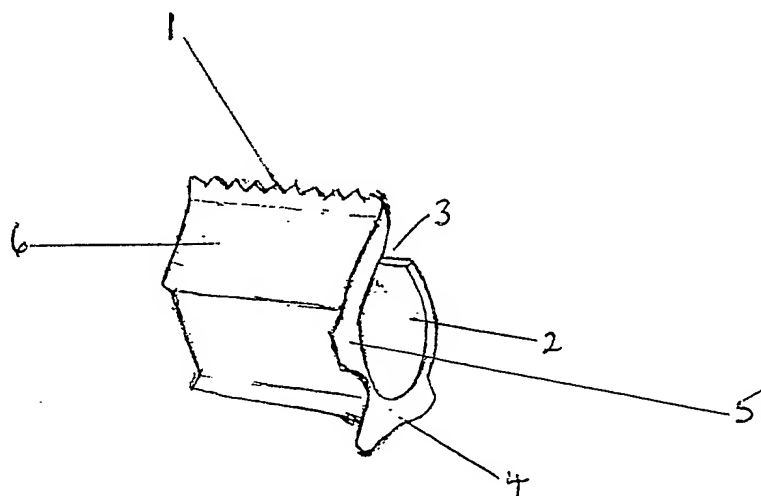


FIGURE 1

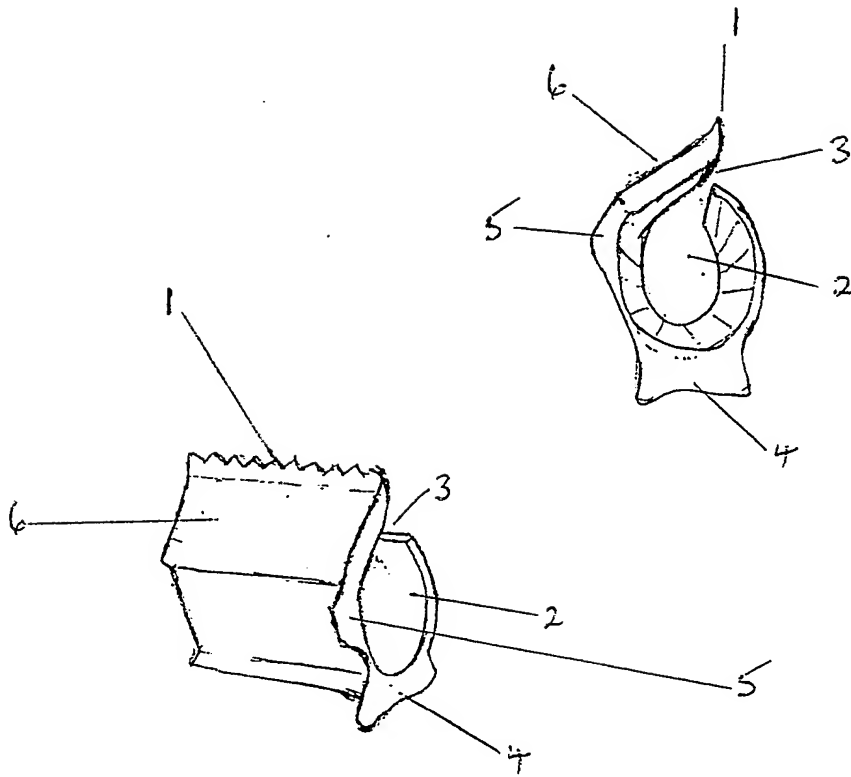
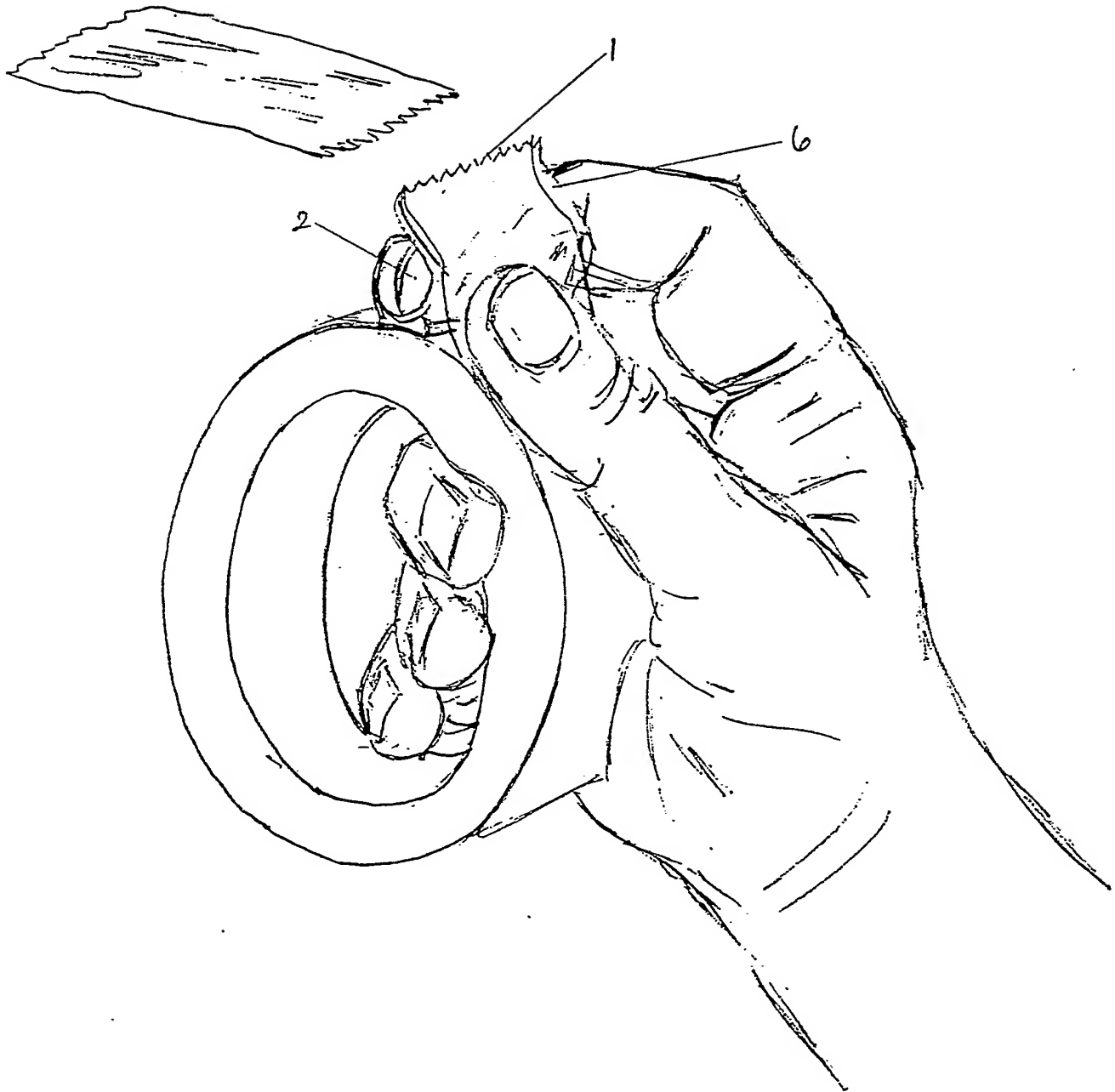


FIGURE 1

FIGURE 2

FIGURE 3



THIMBLE TAPE CUTTER.

DISCRIPTION.

This invention relates to the stationary market and is a cutter for cutting or tearing adhesive tapes of varying widths and applications as well as providing an end finder for locating the end of the tape.

At present tape cutters are made to measure and will attach to the reel of adhesive tape they were designed to fit to, or they are of a desk top design that provides for a reel of tape to be put into and for the tape to be pulled out and cut on a serrated bar, but they too will accommodate just the one size of tape.

This invention will cut or tear any dimension of adhesive tape of varying thickness and widths. For very wide tapes the initial cut provided by the cutter would then be torn across the remaining width of the tape.

The invention can be circular, oval or triangular in design and hollow in the centre, much like a thimble shape, the operator would place their finger inside the device.

The tape cutter would have a serrated bar running along its length, the purpose of which would be to cut or tear the adhesive tape that was applied to it. The operator could remove their finger from the invention leaving the cutter adhered to the adhesive tape, ready for future use.

(2)

The operator would place the cutter on their finger and pull out the required amount of tape, then press the cutter up against the adhesive tape and tear off the required amount using the serrated edge of the cutter. The cutter would remain on the finger for as many applications of the cutting that was required, leaving the cutter on the finger while the cut tape was being applied to wherever its use was required.

When the operator had finished cutting tape, they would remove their finger, leaving the cutter attached to the end of the adhesive tape for quick and easy re-use, whereby the cutter could be easily pulled free, giving easy location of the end of the tape and the whole process could be repeated as many times as was required.

The invention would be made of sprung plastic to fit onto various sizes of finger or thumb if required and would be provided with a stopper so that the tape cutter could be pushed up to the outside rim of the tape to provide a guide for cutting the tape against. A further feature of the invention would include a similar design to the stopper on the side of the tape cutter and would provide a lever to push against the thumb when removing the finger from the tape cutter.

(3)

A more specific description will now be given with the aid of the accompanying drawings.

FIGURE 1 Side view of Tape Cutter

FIGURE 2 End view of Tape Cutter.

FIGURE 3 Showing Tape Cutter in use.

The thimble Tape Cutter would attach to the finger through the locating hole 2 which is sprung and able to fit all sizes of finger shown by the gap along the length of the cutter 3. The cutter would be put onto the tape and using the stopper 4 would be pushed up along the outer rim of the tape reel, the tape would then be drawn out to the required length needed to be cut, The tape would then be pushed against the flat surface of the cutter 6 and then the required length of tape would be cut or torn along the serrated edge 1. By pulling the cutter off the tape in a clockwise direction using the inserted finger the process can then be repeated as many times as is required, after which the finger can be removed very easily and a lever 5 is provided to push against the thumb to make the process very simple.

The tape cutter can then remain attached to the adhesive tape to provide an end finder for future use, or can be removed to cut other tapes of various dimensions and applications.

(4)

CLAIMS.

1. An adhesive tape cutter that attaches to the finger and will cut or tear any width or type of adhesive tape by means of a serrated bar running along its length or part length of the tape cutter and can remain on the finger for as many applications as is required, but when not in use will remain attached to the tape to provide an end finder for future applications.
2. A tape cutter that is made substantially of sprung plastic with a gap running along the length of the cutter to enable it to fit all sizes of finger.
3. A tape cutter that has at one end a brake to allow the user to push the tape up against the outer edge of the tape and provide a guide.
4. A tape cutter as described in the previous claims and substantially described herein with reference to the accompanying drawings.

Patents Act 1977
Examiner's report to the Comptroller under
Section 17 (The Search Report)

Application number
 GB 9311778.6

Relevant Technical fields

- (i) UK Cl (Edition L) B4B
- (ii) Int Cl (Edition 5) B26B

Search Examiner

V L C PHILLIPS

Databases (see over)

- (i) UK Patent Office
- (ii)

Date of Search

9 AUGUST 1993

Documents considered relevant following a search in respect of claims 1 & 2

| Category (see over) | Identity of document and relevant passages | Relevant to claim(s) |
|------------------------|--|-------------------------|
| Y | GB 2095154 A (ACTON) See Figure 1 | 2 |
| A | GB 0228753 A (McLAREN) See Figure 4 | - |
| X | US 4703561 A (PARISEK) | 1 |
| Y | See Figure 6 | 2 |

| Category | Identity of document and relevant passages | Relevant to claim(s) |
|----------|--|----------------------|
| | | |

Categories of documents

X: Document indicating lack of novelty or of inventive step.

Y: Document indicating lack of inventive step if combined with one or more other documents of the same category.

A: Document indicating technological background and/or state of the art.

P: Document published on or after the declared priority date but before the filing date of the present application.

E: Patent document published on or after, but with priority date earlier than, the filing date of the present application.

&: Member of the same patent family, corresponding document.

Databases: The UK Patent Office database comprises classified collections of GB, EP, WO and US patent specifications as outlined periodically in the Official Journal (Patents). The on-line databases considered for search are also listed periodically in the Official Journal (Patents).